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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Shinji HIRAI et al.**

Serial No.: **Not yet assigned**

(§371 of international application No. PCT/JP2003/017080)

Filed: **June 24, 2005**

For: **COOLING DEVICE FOR ELECTRONIC COMPONENT USING  
THERMO-ELECTRIC CONVERSION MATERIAL**

Attorney Docket Number: **052668**

Customer Number: **38834**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Date: June 24, 2005

Sir:

In compliance with 37 C.F.R. §1.56, Applicants direct the attention of the Patent and Trademark Office to the documents listed on the attached PTO/SB/08. A copy of each non-U.S. document is enclosed herewith.

In the event there are any fees due in connection with the filing of this paper, please charge Deposit Account No. 50-2866.

Respectfully submitted,

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Enclosure: PTO/SB/08 , 9 documents and international search report.

Combined Form PTO/SB/08A&amp;B

Complete if Known

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	New Application 104540523
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First Named Inventor	Shinji HIRAI et al.
Art Unit	
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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
	1	JP	2002-353521		12-06-2002	Sugihara Atsushi. (Cited in the int'l. search report).	Abstract
	2	JP	2002-118297		04-19-2002	Suzuki Sogyo Co. Ltd. (Cited in the int'l. search report)	Abstract
	3	JP	2001-352106		12-21-2001	Hitachi Ltd. (Cited in the int'l. search report).	Abstract
	4	JP	9-139525		05-27-1997	Hitachi Chem. Co., Ltd. (Cited in the specification)	Abstract
	5	JP	2002-50727		02-15-2002	Hitachi Maxell Ltd. (Cited in the spec.).	Abstract
	6	JP	7-15140		04-10-1995	K. Takahashi (Cited in the spec.).	No
	7	JP	7-202094		08-04-1995	Orion Mach Co., Ltd. (Cited in the spec.).	Abstract
	8	JP	2001-308395		11-02-2001	Matsushita Electric Ind. Co. Ltd. (Cited in the specification)	Abstract
	9	JP	2002-151873		05-24-2002	Alps Electric Co., Ltd. (Cited in the spec.).	Abstract

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature

Date Considered

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